IN THE UNITED STATES

ATENT AND TRADEMARK OF

PATENT APPLICATION

INVENTOR(S)

Kameran Azadet,

Erich Franz Haratsch

"Express Mail" Label No. : EJ148780833US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

Date of Deposit: December 23, 1999

10-2

Signature Links M Shochleton

TITLE

CASE

Method and Apparatus for Shortening the Critical Path of Reduced

Complexity Sequence Estimation Techniques

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification

7 Sheets of informal drawing(s)

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|--|-----------|---------------|------------|--------------|
| | NO. FILED | NO. EXTRA | RATE | CALCULATIONS |
| Total Claims | 59-20 = | 39 | X \$18 = | \$702 |
| Independent Claims | 12- 3 = | 9 | X \$78 = | \$702 |
| Multiple Dependent Claim(s), if applicable | | | \$260 = | \$0 |
| Basic Fee | | | | \$760 |
| | | | TOTAL FEE: | \$2,164 |

Please file the application and charge Lucent Technologies Deposit Account No. 12-2325 the amount of \$2,164.00, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit Deposit Account No. 12-2325 as required to correct the error.

Please address all correspondence to: Kevin M. Mason, Ryan & Mason, L.L.P., 90 Forest Avenue, Locust Valley, New York 11560. Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,

Kevin M. Mason

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Date: December 23, 1999